

INSTALLATION ENGINEERING DATADate form completed 14 July 1967

(See Remarks at end of form)

Tentative ☐ Valid until \_\_\_\_\_Final data ☒

## I. INSTRUMENT

A. Name of instrument: Super-Wide Print Straightener  
 B. Manufacturer: \_\_\_\_\_  
 C. Contract number: \_\_\_\_\_  
 D. Delivery date: Tentative: 2 June 67 Final: 17 July 67 STAT

## II. PHYSICAL FEATURES

## A. Sub-assemblies:

1. Number of sub-assemblies: \_\_\_\_\_

N/A 2. Largest sub-assembly: Weight 300 lbs; 39 " H x 34-1/2 " W x 90 " D  
 3. Heaviest sub-assembly: Weight \_\_\_\_\_ lbs; \_\_\_\_\_ " H x \_\_\_\_\_ " W x \_\_\_\_\_ " D

## B. Assembled instrument:

1. Number of major components: 1  
 2. Largest component: Weight 300 lbs; 39 " H x 34-1/2 " W x 90 " D  
 3. Heaviest component: Weight \_\_\_\_\_ lbs; \_\_\_\_\_ " H x \_\_\_\_\_ " W x \_\_\_\_\_ " D  
 4. Total floor space required after assembly, including maintenance access space. 5 Ft. 4 In. High x 4 Ft 7-1/2 In. Wide x 7 Ft. 6 In. Deep.  
 5. Total weight of assembled instrument: 300 lbs.

C. Type of base of mount: Flat \_\_\_\_\_; 3-point suspension \_\_\_\_\_; 4-point suspension XD. Does the instrument have built-in mobility? Yes X No \_\_\_\_\_

E. Is the instrument particularly sensitive to vibration? Yes \_\_\_\_\_ No X  
 Will the instrument generate vibration? Yes X No \_\_\_\_\_

F. Are any special or unusual tools or fixtures necessary or advisable for the installation of the maintenance of this instrument? Yes \_\_\_\_\_ No \_\_\_\_\_.  
 If "Yes," please describe: \_\_\_\_\_

## III. UTILITIES

## A. Electrical:

1. Voltage	<u>110</u> Volts $\frac{AC}{/}$ _____ Volts	<u>_____</u> Volts $\frac{DC}{/}$ _____
2. Current	<u>20/1</u> Amps/phase	<u>_____</u> Amps
3. Frequency	<u>60</u> cps	
4. Nr. of phases	<u>1</u> Ph	
5. Nr. of wires	<u>3</u>	
6. Power required	<u>1800</u> Watts	<u>_____</u> Watts
7. Power factor	<u>_____</u> (Leading) (Lagging)	
8. Type of outlet:	Two prong _____; three prong <u>X</u> ; Twist lock _____; Perm. _____	
9. Type of ground:	Building conduit <u>X</u> ; Direct earth ground _____	
10. Should the instrument be shielded, either from external electromagnetic signals or to prevent interference with other equipment?	Yes _____ No <u>X</u>	

If "Yes," to what extent? \_\_\_\_\_

N/A

## B. Air conditioning:

1. Desired environment: Room air temperature of \_\_\_ °F / \_\_\_ °F and relative humidity of \_\_\_ % / \_\_\_ %.
2. Input Air: Is a direct connection necessary? Yes \_\_\_ No \_\_\_; Adviseable? Yes \_\_\_ No \_\_\_; If "Yes," what is the connector type and size? \_\_\_ Recommended input air temperature \_\_\_ °F / \_\_\_ °F. Relative humidity \_\_\_ % / \_\_\_ %. If input air must be filtered, what is the maximum particle size in microns? \_\_\_ What particle count? \_\_\_ / cu. ft.
3. Output Air: Is a direct connection to the return air duct necessary? Yes \_\_\_ No \_\_\_ Adviseable? Yes \_\_\_ No \_\_\_ Connector type and size? \_\_\_ Output air temperature \_\_\_ °F / \_\_\_ °F. Relative humidity \_\_\_ % / \_\_\_ %. Output heat \_\_\_ BTU/Hr. Flow of \_\_\_ CFM. Is output air toxic? Yes \_\_\_ No \_\_\_; Noxious? Yes \_\_\_ No \_\_\_.

## C. Plumbing:

1. Is water required? Yes \_\_\_ No \_\_\_; Pressure \_\_\_ PSIG, flow \_\_\_ GPM.
2. Type of water required:  
 Tap \_\_\_ °F / \_\_\_ °F Deionized \_\_\_ °F / \_\_\_ °F  
 Tempered \_\_\_ °F / \_\_\_ °F Filtered \_\_\_ °F / \_\_\_ °F  
 If filtered, give maximum permissible particle size in microns and the maximum permissible count. \_\_\_ microns \_\_\_ particles/cu. ft.
3. Pipe required:  
 Galvanized \_\_\_ Copper \_\_\_ Size \_\_\_  
 Stainless Steel \_\_\_ Plastic \_\_\_ Type of connector \_\_\_
4. Floor drain:  
 Diameter of drain \_\_\_ Galvanized drain? \_\_\_  
 Plastic drain? \_\_\_ Glass drain? \_\_\_
5. Are any chemical solutions used in the device? Yes \_\_\_ No \_\_\_ If "Yes," state the nature of the solution(s), permissible temperature range, flow rate in appropriate units and the filtration necessary for each solution \_\_\_\_\_.
6. Size of pipes and connectors \_\_\_\_\_.

## D. Compressed air:

Is compressed air required? Yes \_\_\_ No \_\_\_ Water free? \_\_\_ Oil Free? \_\_\_  
 Type and size of connector? \_\_\_ Pressure \_\_\_ PSIG. Flow in CFM  
 Maximum \_\_\_, minimum \_\_\_, average \_\_\_.

## E. Vacuum:

Is vacuum required? Yes \_\_\_ No \_\_\_ Pressure \_\_\_ PSIA or (inches of water) (millimeters of mercury). Displacement in CFM, maximum \_\_\_, minimum \_\_\_, average \_\_\_. Type and Size of connectors \_\_\_\_\_.

## F. Peripheral Devices:

Will the instrument be connected to any peripheral devices such as a computer or data input or data output device? Yes \_\_\_ No \_\_\_ If "Yes," give, in detail, the nature of the connection to the peripheral device such as coaxial cable, multiple wire connector, etc.

## IV. REMARKS

- A. Use additional sheets if more space is required for environmental conditions or utilities not mentioned above.
- B. Submit three typed copies of the completed form to the Technical Representative.

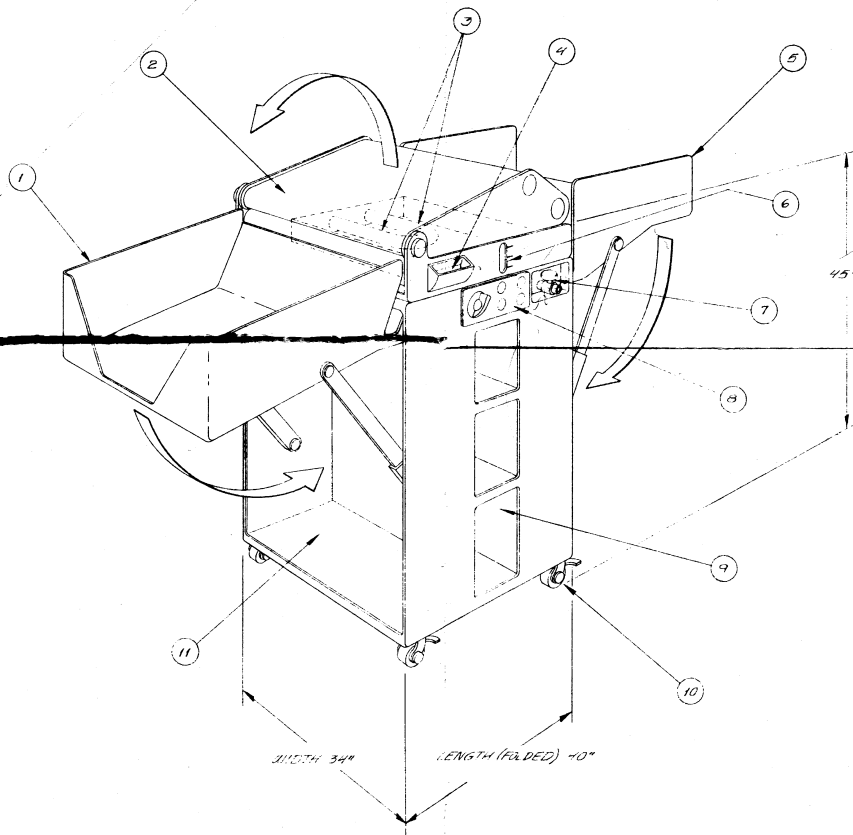
- C. Attach three copies of a dimensioned outline drawing of each major component and of the completed assembly. Include the estimated weight of each major component and of the completed assembly. Indicate, on the outline drawing of the completed assembly, the space required for access to the instrument for maintenance.
- D. If a question does not apply to the instrument, insert "N/A" (Not Applicable) in the appropriate blank space.

Information provided by:

STAT

Project Engineer  
(Position or job title)

REVISIONS			
ZONE	LTR	DESCRIPTION	DATE



1. PRINT RECEIVING TRAY
2. CANVAS BELT & ROLLER ASSEMBLY
3. HEATING UNIT
4. WATER FILL ORIGIN
5. FEED TRAY
6. WATER LEVEL GAUGE
7. WATER DRAIN
8. CONTROL UNIT
9. STORAGE SHIELDS
10. LID/COVER
11. PRINTS/RECEIVED

NOTE: ALL DIMENSIONS REFLECTED ARE APPROXIMATE

NEXT ASSY	USED ON
APPLICATION	